High Quality Public Display Solution

46" Wide VGA Plasma Monitor

This large VGA plasma monitor is designed for indoor public display applications where outstanding picture quality and color display quality count. Due to the size it is an effective eye catcher to guarantee optimal display of your message.

Operational flexibility
- Multiple PC input formats up to WXGA
- Built-in audio amplifier with SRS and speakers
- Zoom function to enable tiled matrix application
- Quiet and reliable fanless operation
- Monitor is network controllable for remote management
- Portrait mounting version available

Optimal Public Display front of screen experience
- High brightness (1000cd/m2) and 3000:1 contrast ratio
- High speed color rendering for natural color reproduction
- De-contouring for better gray level display at low luminance
- 3D combfilter separates colors for a razor-sharp image
- Turn your TV screen into a mosaic of different channels

PHILIPS

46 inch plasma monitor

BDS4621/00

Technical specifications

Picture/Display
- *Panel Size:* 46" / 117.8cm
- *Aspect ratio:* 16:9
- *Panel resolution:* wVGA (854 x 480 pixels)
- *Pixel pitch:* 1.182 x 1.182 mm
- *Brightness:* 1000 cd/m²
- *Brightness (nits):* 1000 nit
- *Contrast ratio:* 3000:1
- *Display colors:* 16.7 Million colors
- *Viewing angle:* 160 (H) / 160 (V)
- *Horizontal Scanning Frequency:* 30-91 kHz
- *Vertical Scanning Frequency:* 50 - 85 Hz
- *Picture enhancement:* 3/2 - 2/2 motion pull down, 3D Combfilter, De-contouring, Picture in Picture

Supported Display Resolution

Resolution	Refresh rate
• *Computer formats*	
640 x 480	60, 72, 75, 85Hz
720 x 400	70Hz
800 x 600	56, 60, 72, 75,85Hz
1024 x 768	60, 70, 75, 85Hz
• *Video formats*	
480i	60Hz
480p	60Hz
1080i	60Hz
1080i	50Hz
720p	50, 60Hz
576i	50Hz
576p	50Hz

- *MAC 640 x 480:* 67 Hz
- *MAC 832 x 624:* 75 Hz
- *VGA 640 x 400:* 85 Hz

Connectivity
- *PC:* DVI-D x1, VGA-in D-Sub 15HD, RS232 D-Sub9
- *AV input:* Component (YPbPr) x1, S-video x1, Composite (CVBS) x1, Audio (L/R) for YPbPr x1
- *Audio input for video:* Audio Left/Right (RCA x 2)
- *AV output:* Composite (CVBS) x1

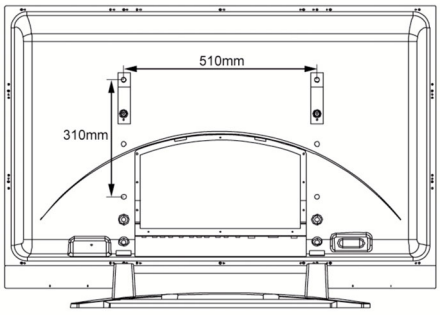
Convenience
- *Picture in Picture:* Picture in Picture All Inputs, Double window
- RS232 controlability
- *Convenience Enhancements:* On-screen Display
- *Monitor Controls:* Left/Right, Power On/Off, Up/Down
- *OSD Languages:* English, French, German, Italian, Spanish
- SRS sound processing
- *Built-in Audio:* Built-in amplifier (2x10) and 2 Watts RMSx2 stereo speakers
- DPMS power saving system
- *Screen saving functions:* Full white, image reverse, pixel shift
- *Regulatory Approvals:* CE Mark, FCC-B, UL, CSA

Power
- *Consumption:* 330 Watts (average)
- *Power supply:* 100-240VAC, 50/60Hz
- *Sleep Mode:* 5 Watts Max.

Dimensions
- *Dimensions (without base) (WxHxD):* 1138 x 691 x 98 mm
- *Weight:* 37 kg
- *Temperature Range (Operation):* 0 degree C to +40
- *Relative Humidity:* 20% - 80 %
- *Lifetime to 50% brightness:* 30000 hr

Accessories
- *Included Accessories:* AC Power Cord, Remote Control, Battery, S-video cable, AV cable, 3xRCA to 3x RCA, Audio Cable, VGA cable
- User Guide on CD-ROM
- *Optional accessories:* Ceiling mount, Table top stand, Flexible wall mount, Fixed wall mount, Speakers
- *User Manual:* English

Miscellaneous
- *Bezel:* Silver



Product highlights

Network controllability: RS232
A system by which IT staff can control and adjust monitors remotely via RS232 protocol.

High speed color rendering
It is difficult to do the color rendering for both NTSC and EBU color space in conventional PDP. The built-in 12-bit high speed circuit brings pure, rich natural color reproduction in both the NTSC and EBU color space

De-contouring
Conventional PDP's often show contouring in lower grey levels because of insufficient grey level resolution. A proprietary technology has been implemented to minimize contouring resulting in better and smoother gradients.

High brightness & contrast

Zoom function for tiled matrix
If a video wall of multiple panels in a matrix of 2x2, 3x3, 4x4, etc. is required for an application, the video needs to be enlarged on each panel. This monitor has an internal zoom function that enables easy implemenation of a video wall matrix, without the need for expensive external equipment to execute the zoom function.

Built-in audio amp with SRS
If an application requires better sound quality, then this monitor provides SRS surround sound processing, built-in speakers and the ability to connect bigger external speakers

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Specifications are subject to change without notice.
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